

WHAT IS CLAIMED IS:

- 1 1. A bit for linking sections of threaded conduit using a motorized drive having a collar,
2 comprising:
3 a head including a drive ring with internal threads, the internal threads being adapted to
4 engage external threads on an end of the conduit; and
5 a base coupled to the head, the base being adapted for connection with the collar of the
6 motorized drive, so that the motorized drive can cause the bit to rotate.
- 1 2. The bit according to claim 1, wherein the head further includes a plate attached to the
2 drive ring.
- 1 3. The bit according to claim 2, wherein the head further includes an O-ring, the O-ring
2 separating the conduit from the plate when the drive ring is engaging the conduit.
- 1 4. The bit according to claim 3, wherein the O-ring is a spring washer.
- 1 5. The bit according to claim 1, further including a shaft connecting the head and the
2 base.
- 1 6. The bit according to claim 1, wherein the bit is formed of metal.
- 1 7. The bit according to claim 1, wherein the drive ring is adapted to engage conduit
2 between two and six inches in diameter.
- 1 8. A motorized tool for linking sections of threaded conduit using connectors,
2 comprising:
3 a housing;
4 a motor disposed within the housing; and
5 a bit couple to the motor, the bit including a drive ring having internal threads, the
6 internal threads being adapted to engage external threads on an end of the conduit;

7 wherein when the drive ring engages the end of the conduit, the motor can rotate the bit
8 so that the conduit is screwed into a connector.

1 9. The motorized tool according to claim 8, wherein the motorized tool further includes
2 at least one of a rotating collar and chuck, for releasably coupling the motor and the bit.

1 10. The motorized tool according to claim 8, further comprising a clutch, wherein the bit
2 is coupled to the motor via the clutch.

1 11. The motorized tool according to claim 8, further comprising a support arm releasably
2 connected to the housing.

1 12. The motorized tool according to claim 8, wherein the bit further includes a plate
2 connected to the drive ring, a shaft connected to the head and disposed transverse to the plate,
3 and an O-ring disposed within the drive ring.

1 13. The motorized tool according to claim 8, wherein the motor is an electric motor.

1 14. The motorized tool according to claim 8, wherein the drive ring is adapted to engage
2 conduit between two and six inches in diameter.

1 15. A method of linking lengths of conduit using a connector having internal thread, the
2 conduit having external threads at each end, comprising:

3 arranging a first piece of conduit, the connector, and a second piece of conduit so that a
4 proximal end of the first piece of conduit is attached to the connector, and so the connector is
5 abutting a distal end of the second piece of conduit;

6 engaging a proximal end of the second piece of conduit with a motorized tool, the
7 motorized tool comprising a motor coupled to a bit so that the motor can cause the bit to
8 rotate, the bit including a drive ring having internal threads, the internal threads being
9 adapted to cooperate with external threads on the proximal end of the second piece of
10 conduit; and

11 actuating the motorized tool so that the bit rotates and causes the second piece of
12 electrical conduit to rotate until the distal end of the second piece of conduit is seated in the
13 connector.

1 16. The method according to claim 13, wherein the motorized tool further comprises:
2 a housing,
3 the motor being disposed within the housing, and
4 at least one of a rotating collar and chuck coupled to the motor, for coupling the bit with
5 the motor.

1 17. The method according to claim 13, wherein lubricant is applied to the distal end of
2 the second piece of conduit before actuating the motorized tool.

1 18. The method according to claim 13 wherein after the distal end of the second piece of
2 conduit is seated in the connector, the bit is rotated in reverse off the proximal end of the
3 second piece of conduit.

1 19. The method according to claim 13, wherein the first and second pieces of conduit are
2 metal conduit.

1 20. The method according to claim 17, wherein the drive ring is sized to engage conduit
2 between two and six inches in diameter.

1 21. A bit for linking sections of threaded conduit using a motorized drive having a collar,
2 comprising:
3 a head including a drive ring with internal threads, the internal threads being adapted to
4 engage external threads on an end of the conduit; and
5 a shaft coupled to the head, the shaft being adapted for connection with a chuck of the
6 motorized drive, so that the motorized drive can cause the bit to rotate.

1 22. The bit according to claim 21, wherein the head further includes a plate attached to
2 the drive ring, the shaft being attached to the plate.

1 23. The bit according to claim 22, wherein the head further includes an O-ring, the O-ring
2 separating the conduit from the plate when the drive ring is engaging the conduit.

1 24. The bit according to claim 23, wherein the O-ring is a spring washer.

1 25. The bit according to claim 21, wherein the bit is formed of metal.

1 26. The bit according to claim 21, wherein the drive ring is adapted to engage conduit
2 between two and six inches in diameter.